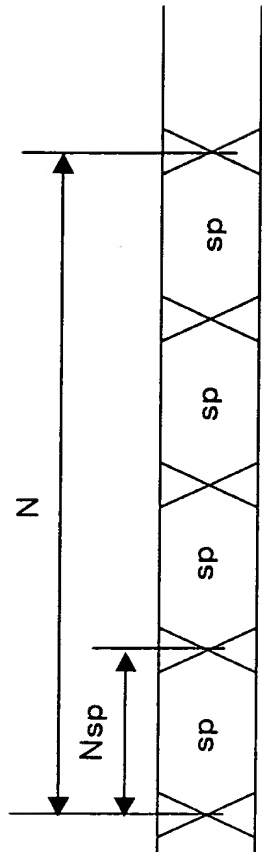


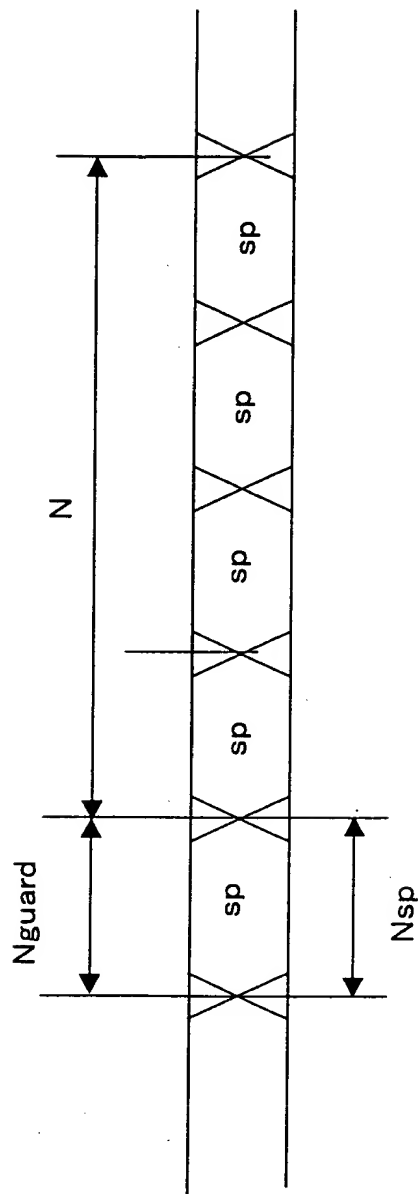
FIG. 1 (PRIOR ART)

FIG. 2A  
(PRIOR ART)



GUARD INTERVAL INSERTION

FIG. 2B  
(PRIOR ART)



CORRELATION WINDOW =  $N + N_{guard} - N_{sp}$

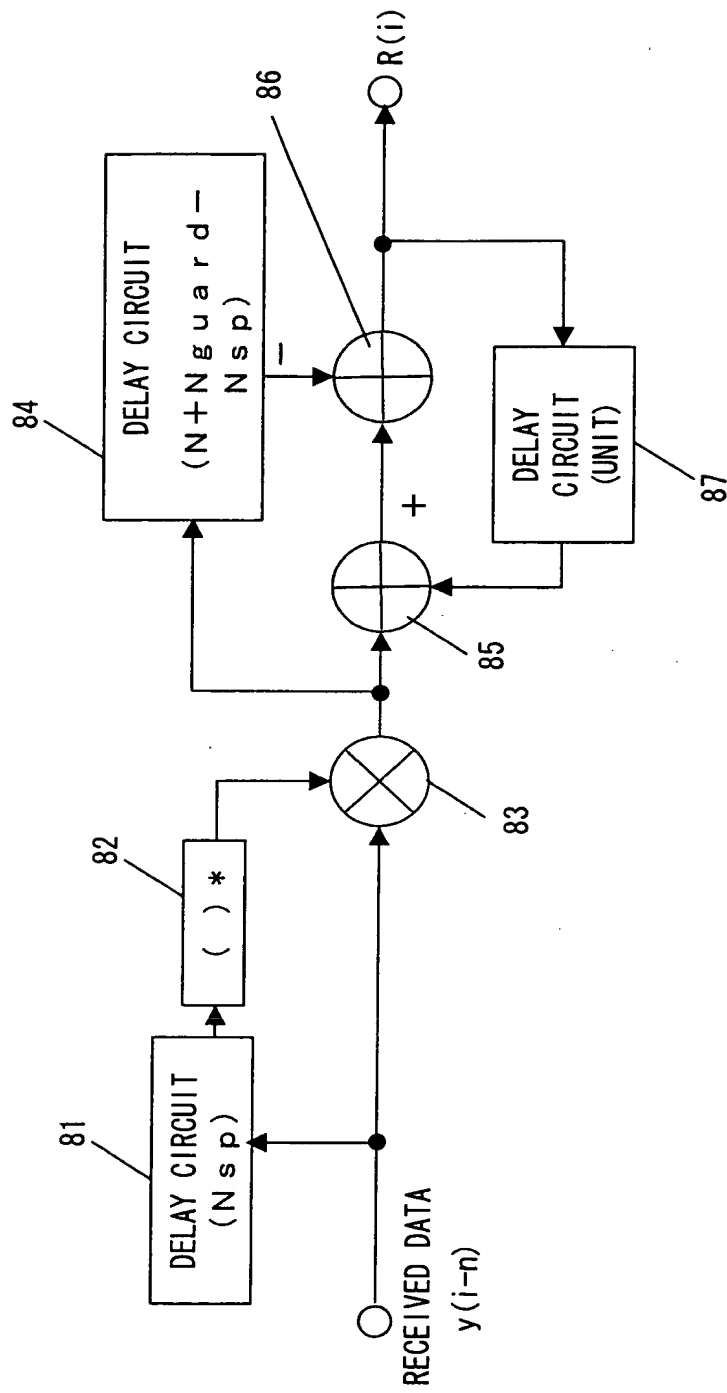


FIG. 3 (PRIOR ART)



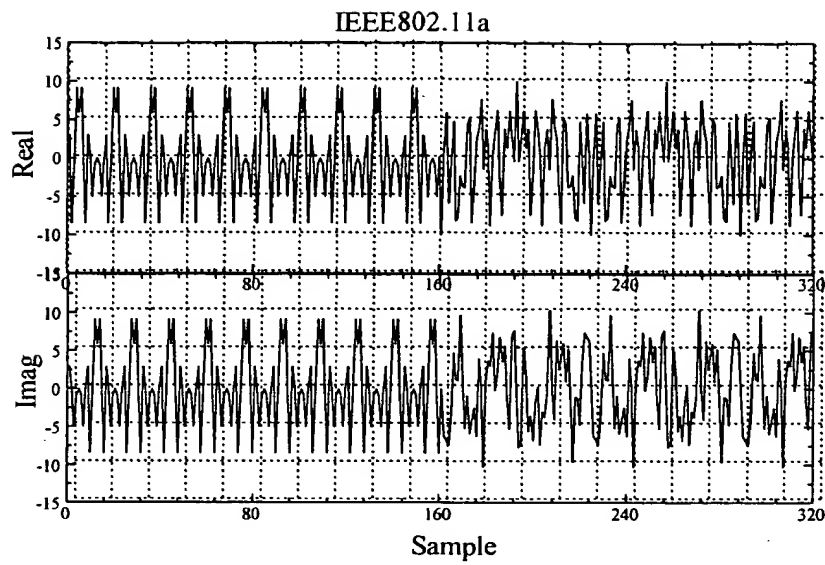


FIG. 5 (PRIOR ART)

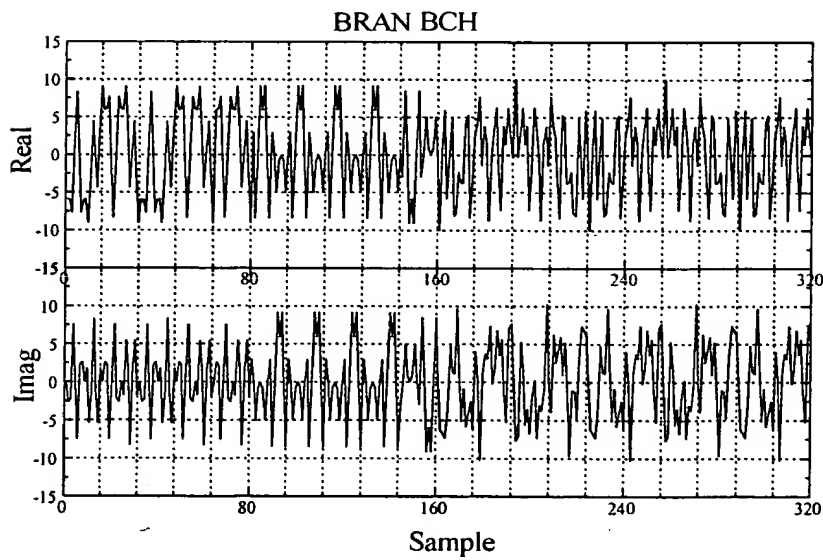


FIG. 7 (PRIOR ART)

REF ID: A4240860

BRAN BCH : A16x5+B16x5+C32+C64x2

A16	IA16	A16	IA16	IA16	B16	B16	B16	B16	B16	IB16	C32	C64	C64
-----	------	-----	------	------	-----	-----	-----	-----	-----	------	-----	-----	-----

FIG. 6 (PRIOR ART)

FOOTED" 44240960

BRAN UL : B16x10+C32+C64x2

B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	C32	C64	C64
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

FIG. 8 (PRIOR ART)

FILED "44/240860

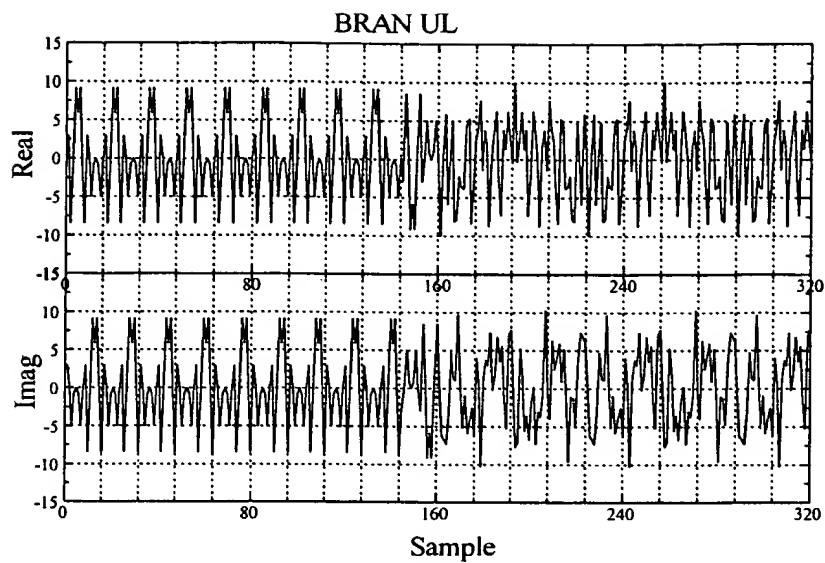


FIG. 9 (PRIOR ART)

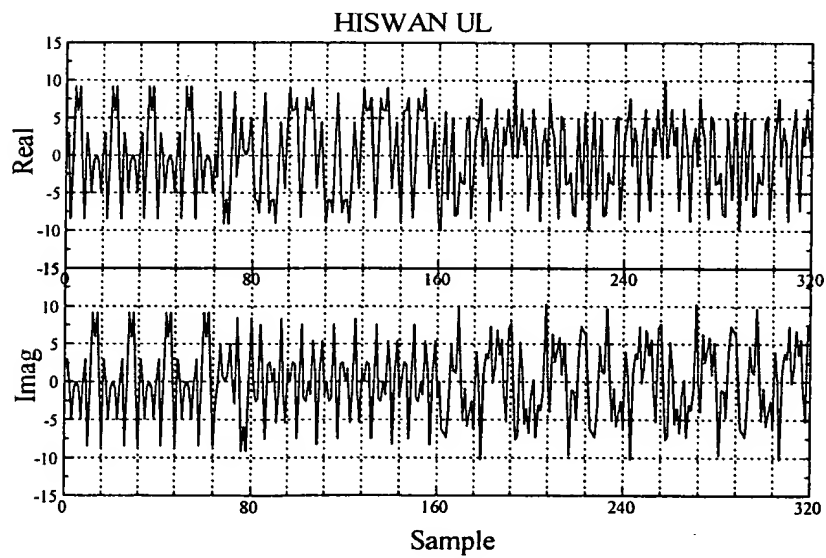


FIG. 11 (PRIOR ART)



HISWAN UL : B16x5+A16x5+C32+C64x2

B16	B16	B16	B16	B16	B16	IB16	A16	A16	A16	A16	A16	IA16	IA16	C32	C64	C64
-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	------	------	-----	-----	-----

FIG. 10 (PRIOR ART)

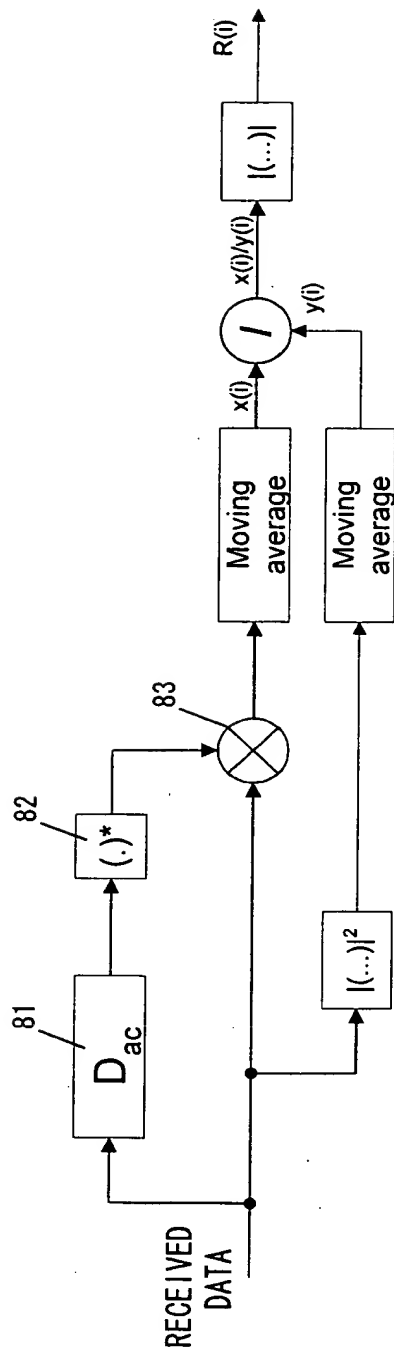


FIG. 12 (PRIOR ART)

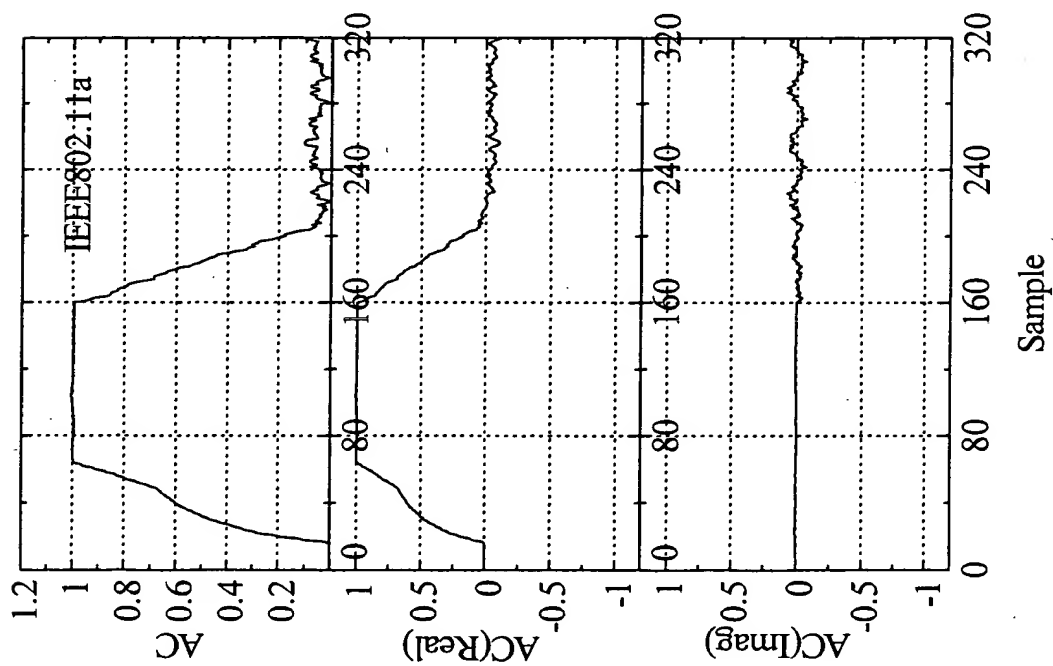


FIG. 13A (PRIOR ART)

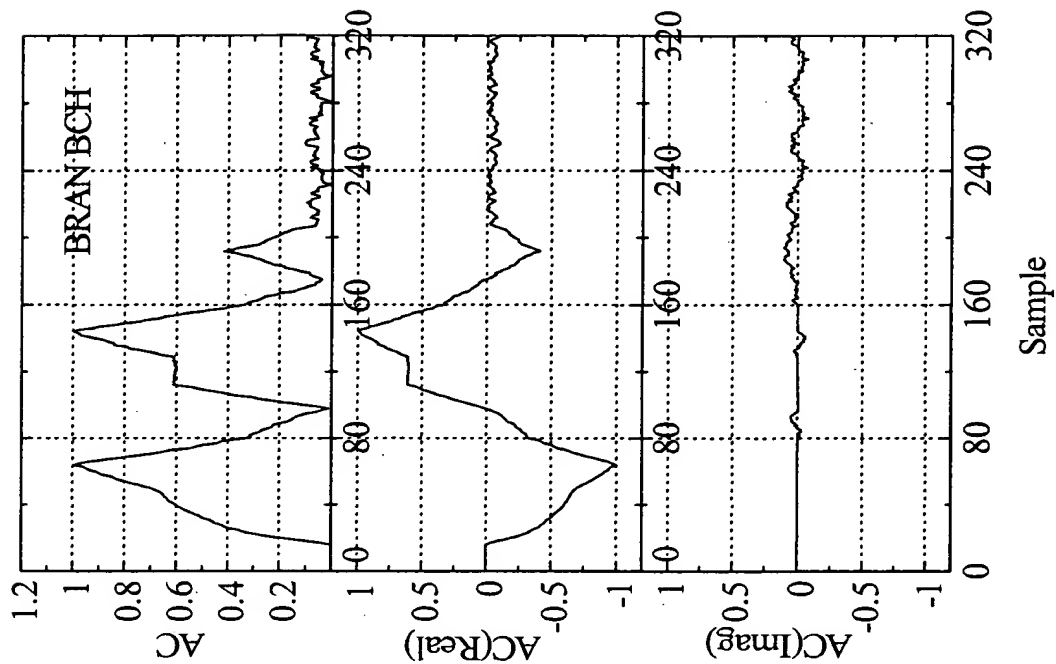


FIG. 13B (PRIOR ART)

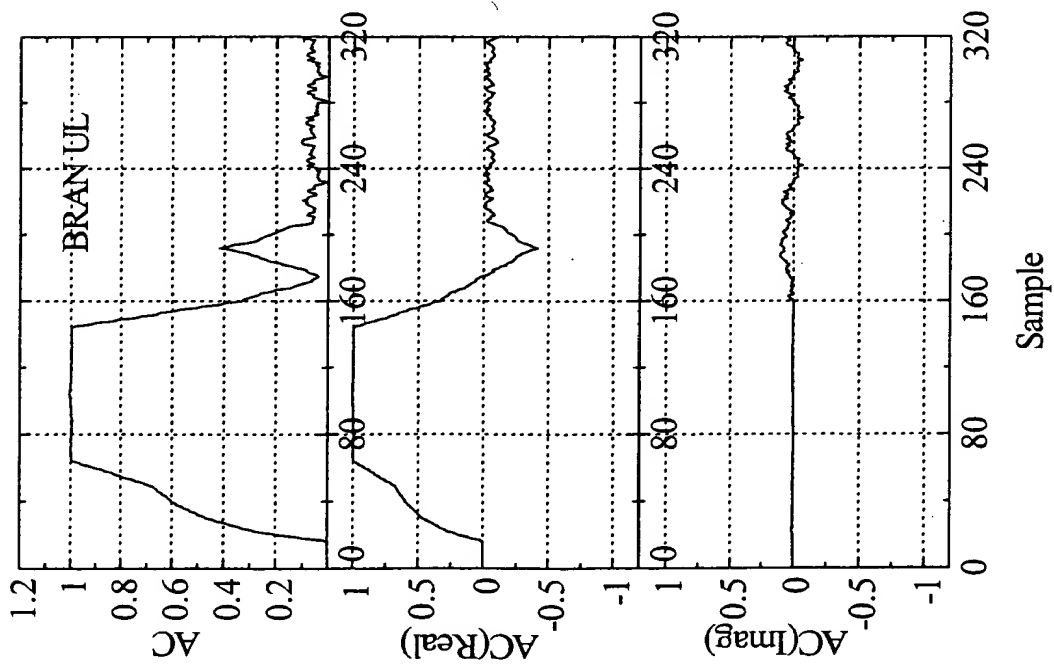


FIG. 14A (PRIOR ART)

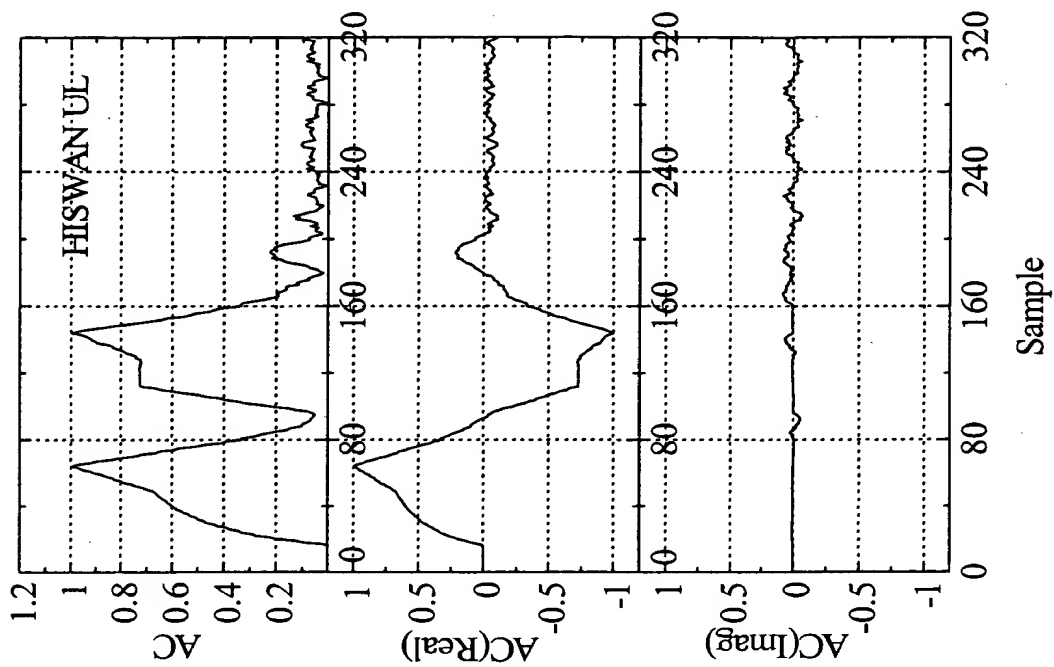


FIG. 14B (PRIOR ART)

IEEE 802.11a

REFERENCE SYMBOL	IEEE802.11a	BRAN BCH	BRAN UL	HISWAN UL
NUMBER OF PEAKS	1 (PLAIN)	2	1 (PLAIN)	2
CODE OF REAL PART	+	-->+	+	+>--

FIG. 15 (PRIOR ART)

09304744-031301  
"031301" 44740360

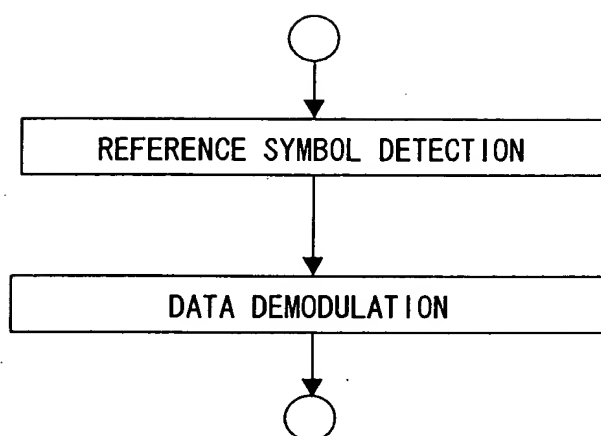


FIG. 16 (PRIOR ART)

WHL (1) : A16x9+C16+C64x2

IA16	A16	IA16	A16	IA16	A16	IA16	A16	IA16	A16	IA16	C16	C64	C64
------	-----	------	-----	------	-----	------	-----	------	-----	------	-----	-----	-----

FIG. 17

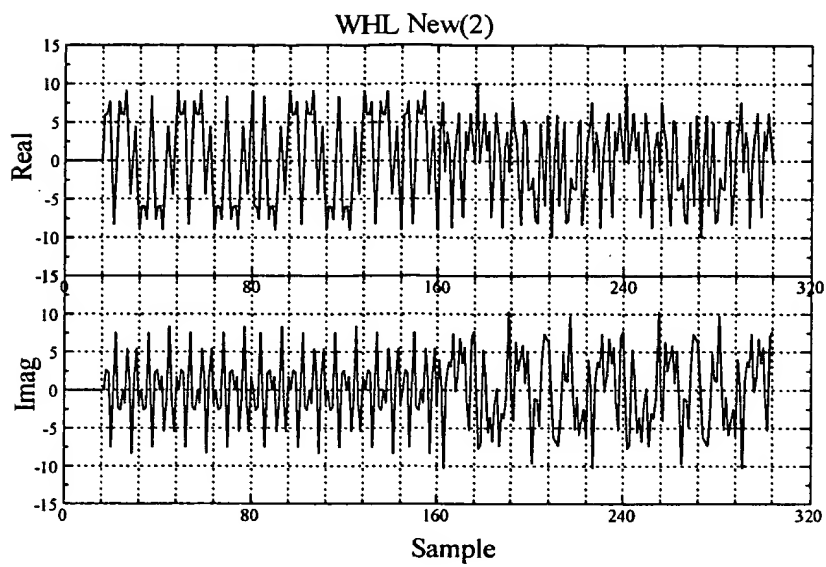


FIG. 18

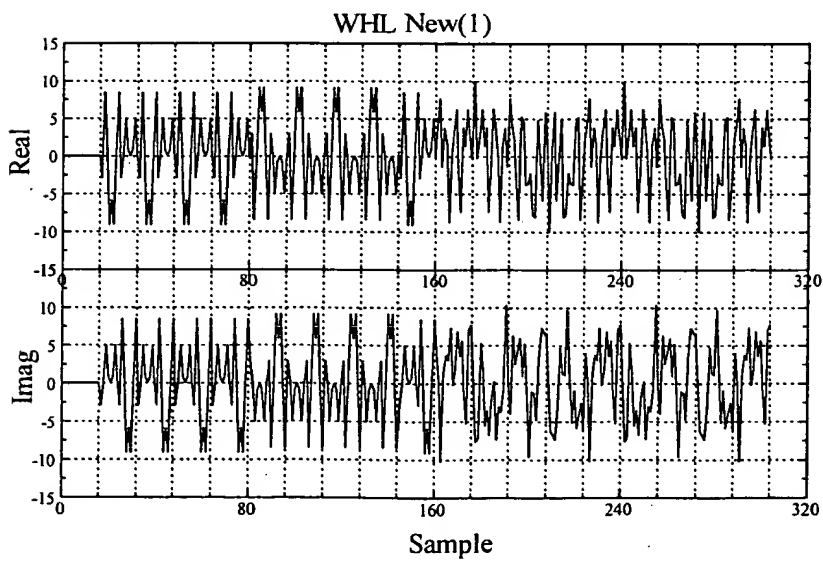


FIG. 21



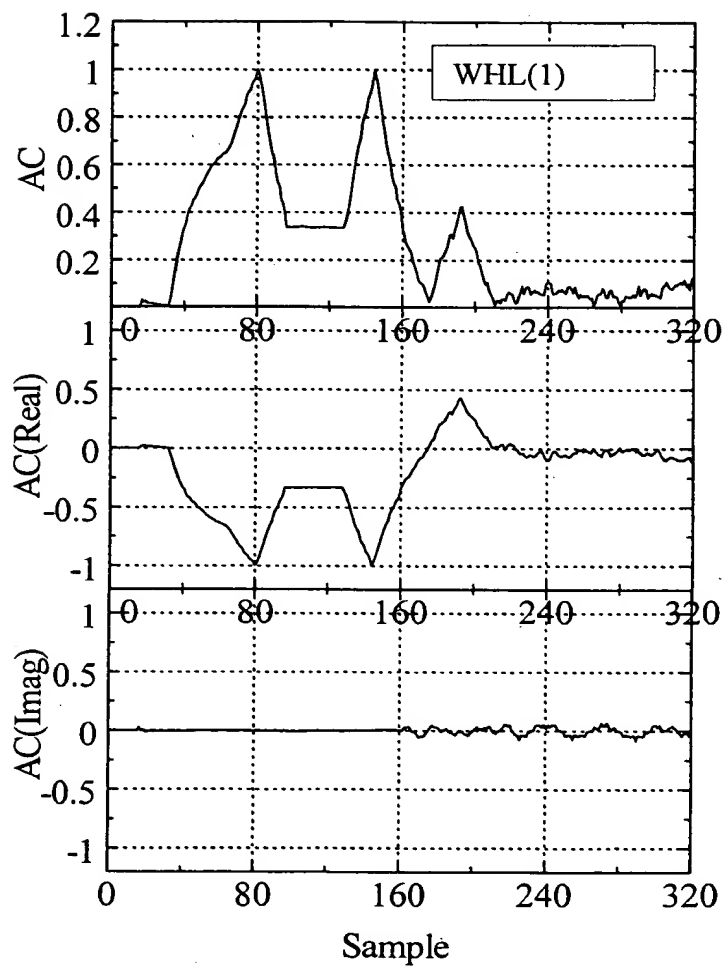


FIG. 19

WHL (2) : B16x9+C16+C64x2

IB16	IB16	IB16	IB16	IB16	IB16	B16	B16	B16	B16	B16	IB16	C16	C64	C64
------	------	------	------	------	------	-----	-----	-----	-----	-----	------	-----	-----	-----

FIG. 20

FILED "44-40860

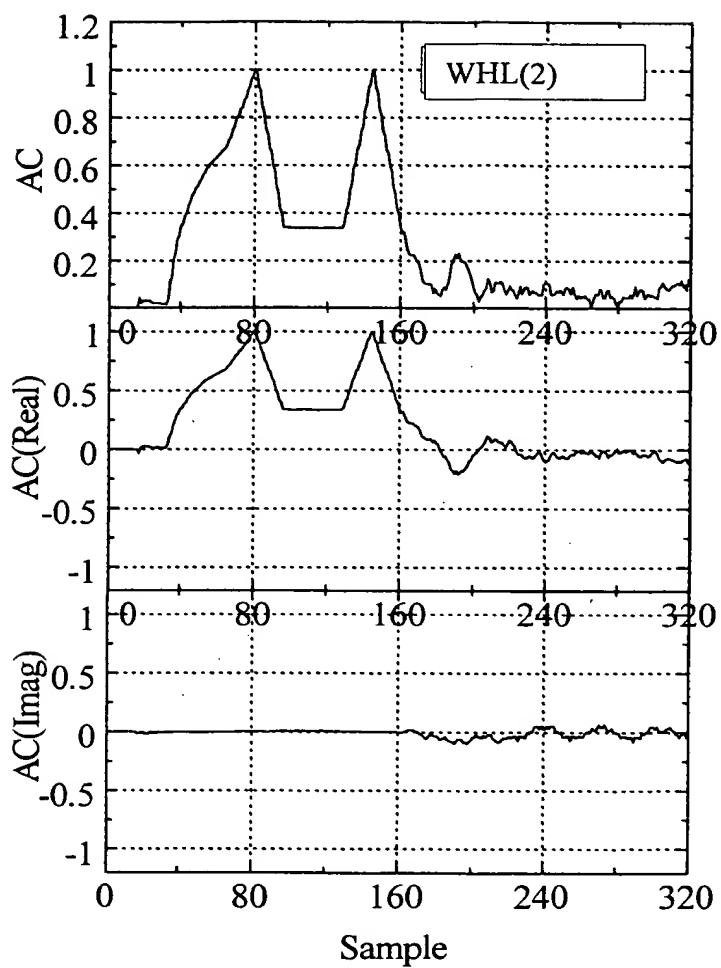


FIG. 22

REFERENCE SYMBOL	SERIES ( 1 )	SERIES ( 2 )
NUMBER OF PEAKS	2	2
CODE OF REAL PART	- - -	+ - -

FIG. 23

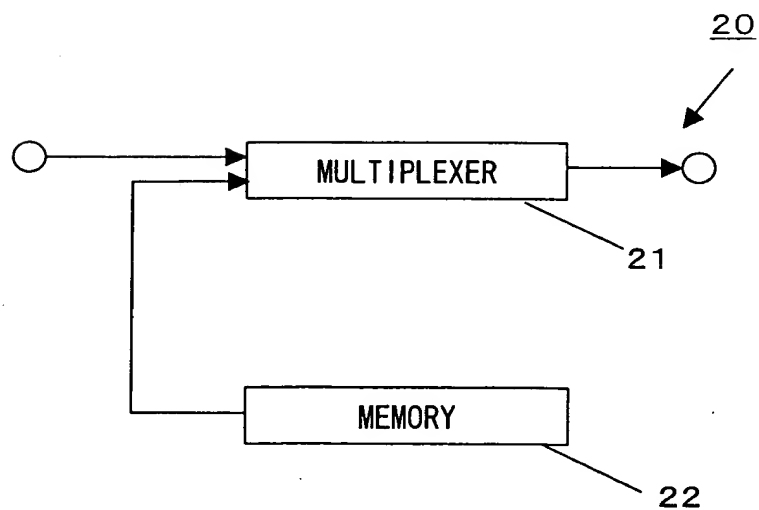


FIG. 26

FILED "44240860

FILED 44-40860

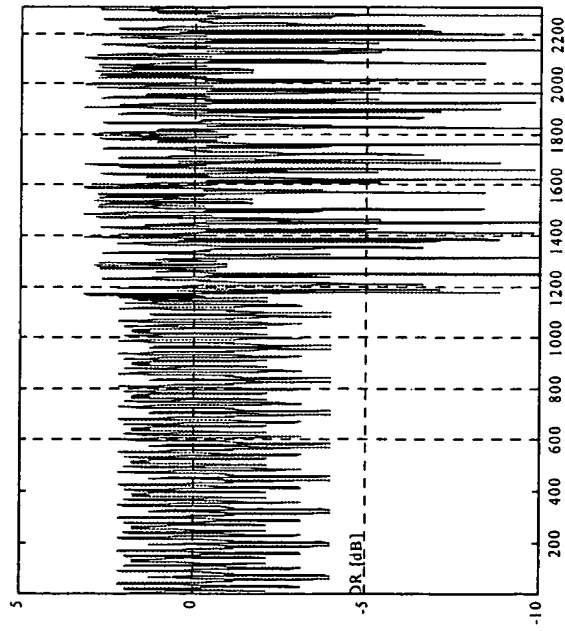


FIG. 24A

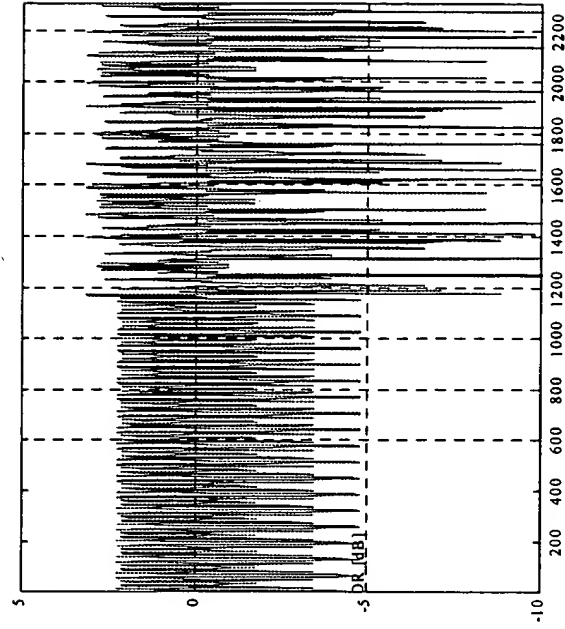


FIG. 24B

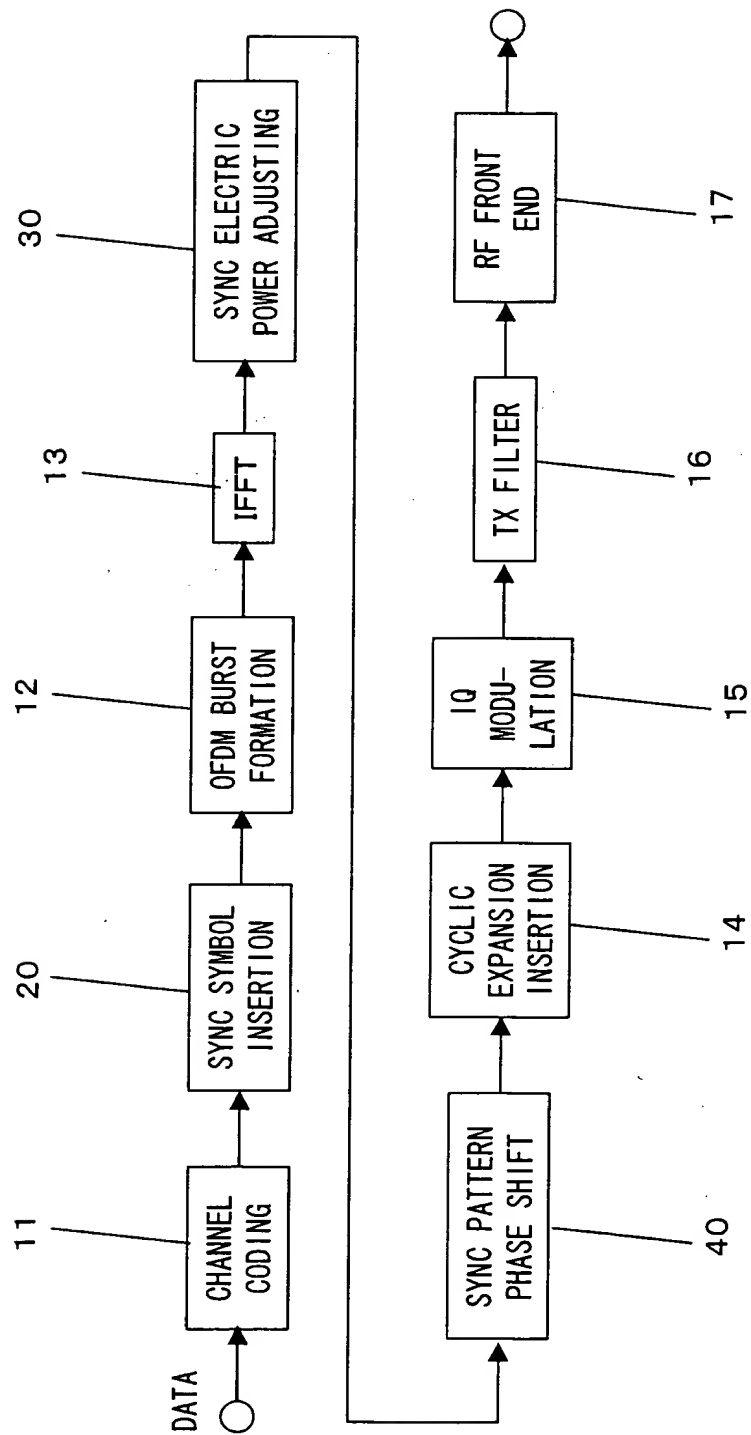


FIG.25

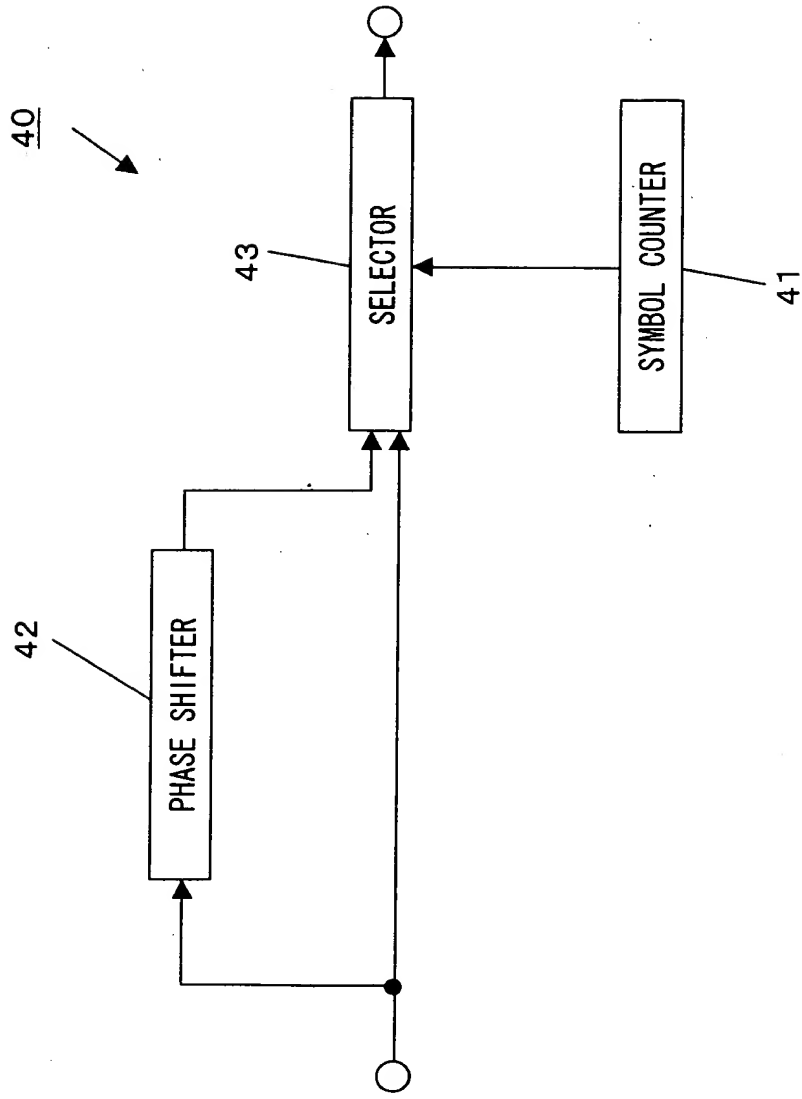


FIG. 27

09304744-031304

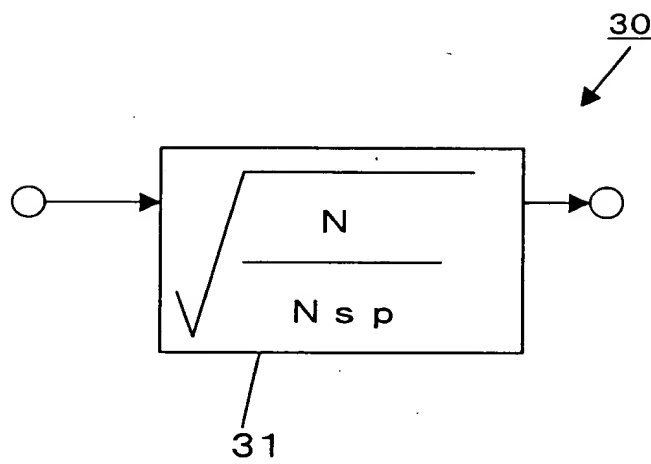


FIG. 28



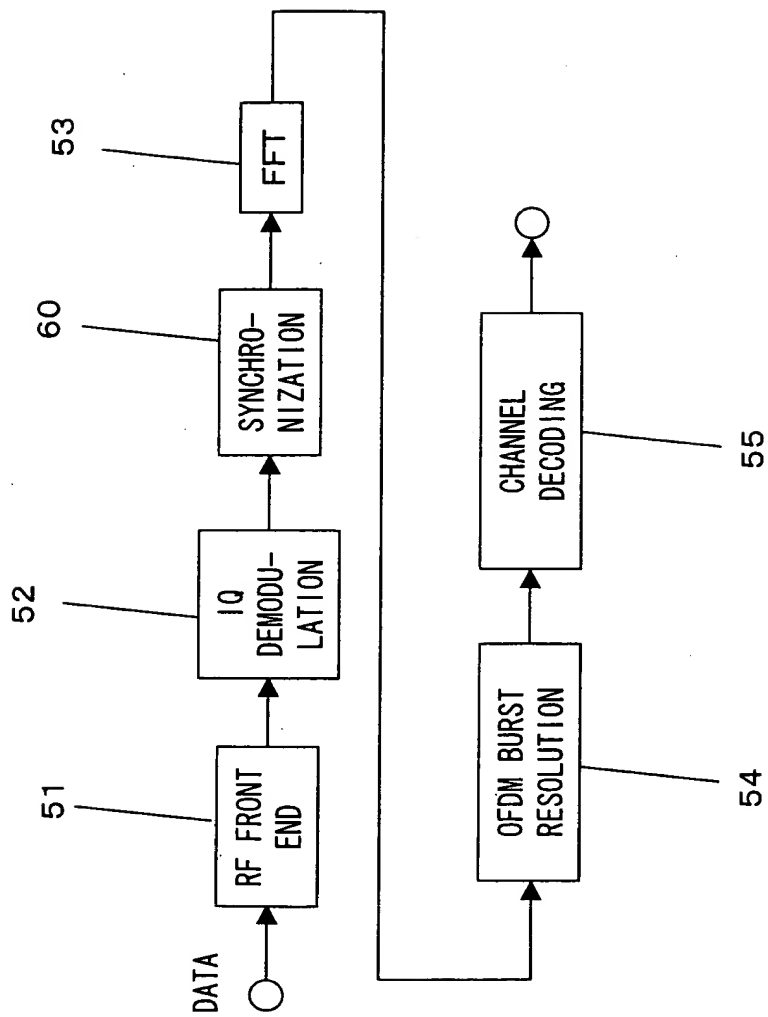


FIG. 29

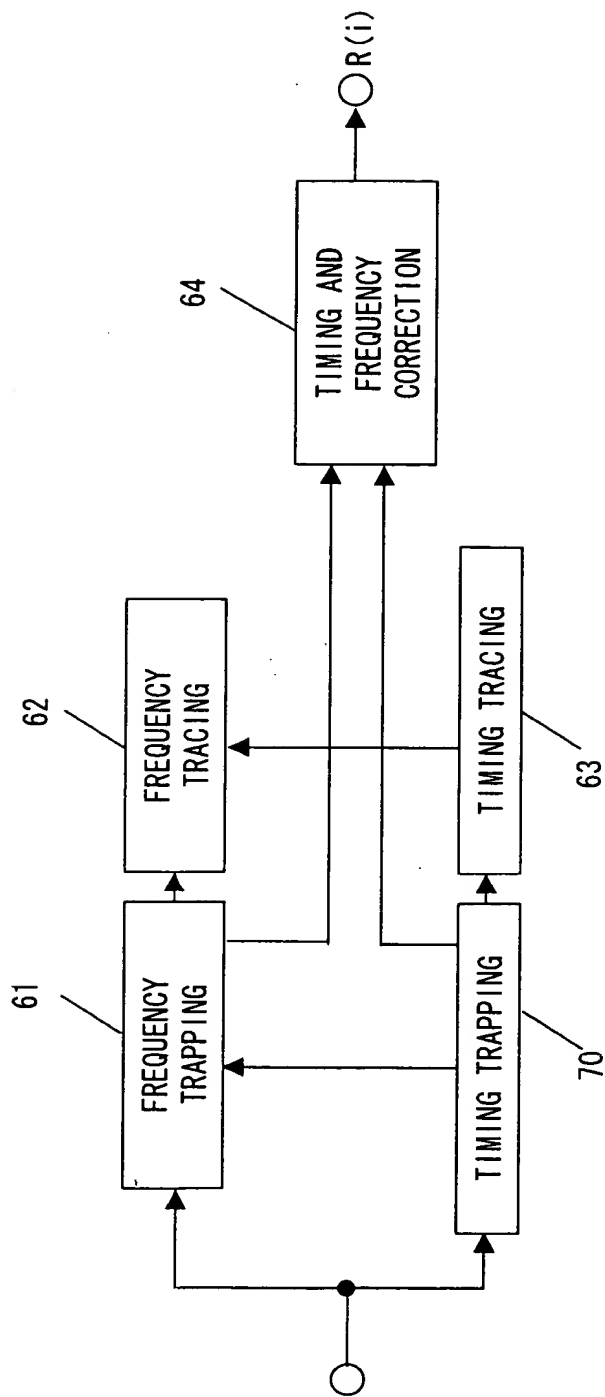


FIG. 30

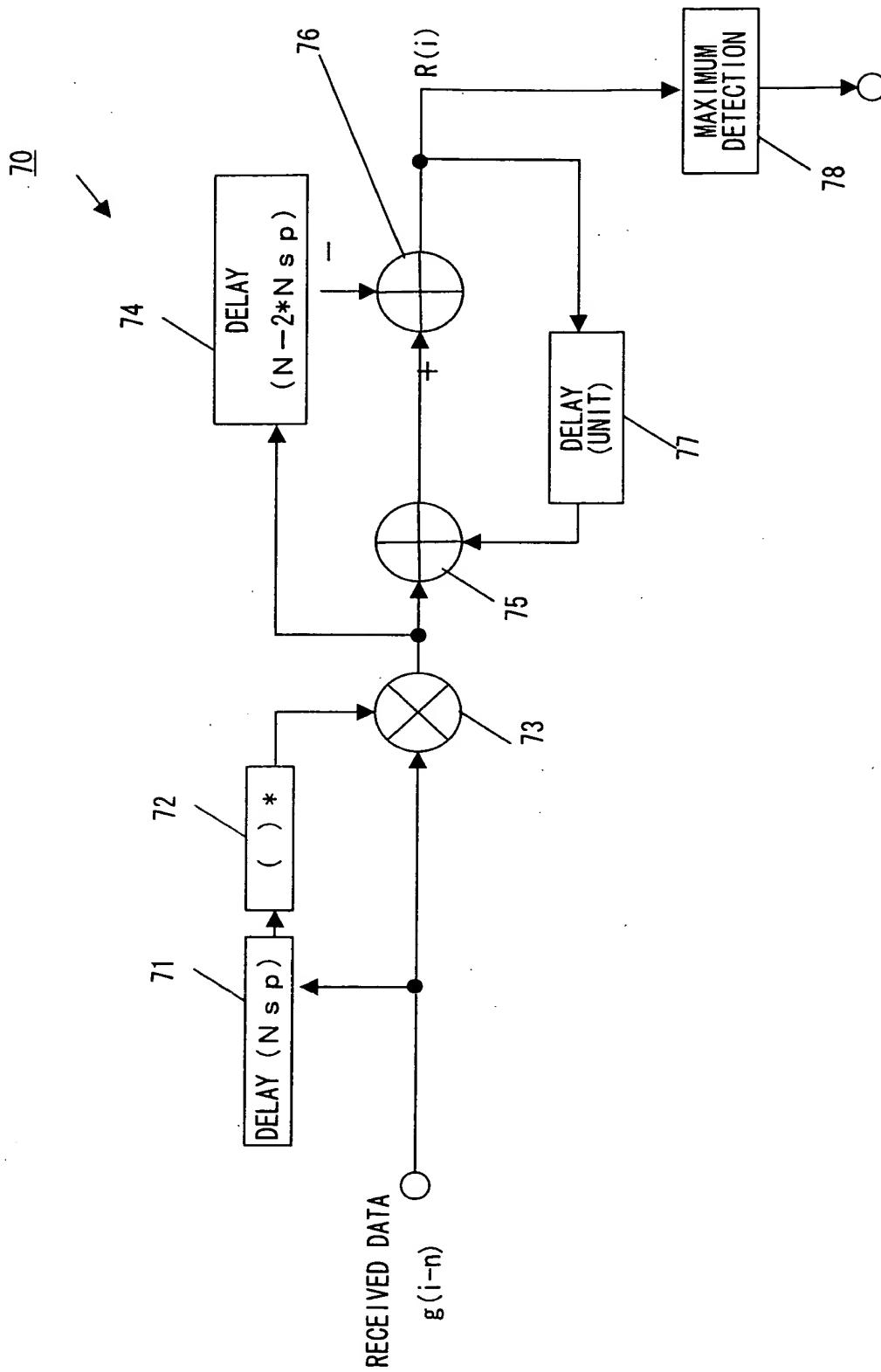


FIG. 31

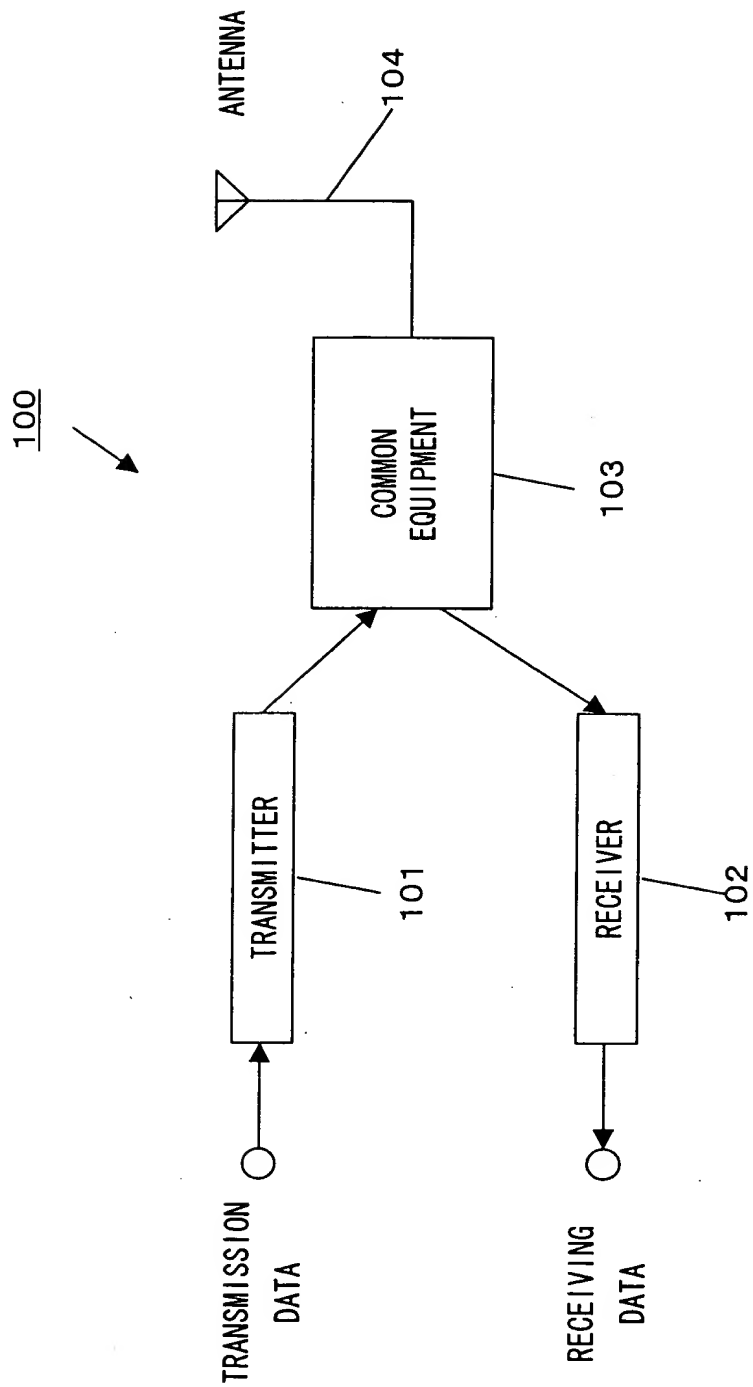


FIG. 32

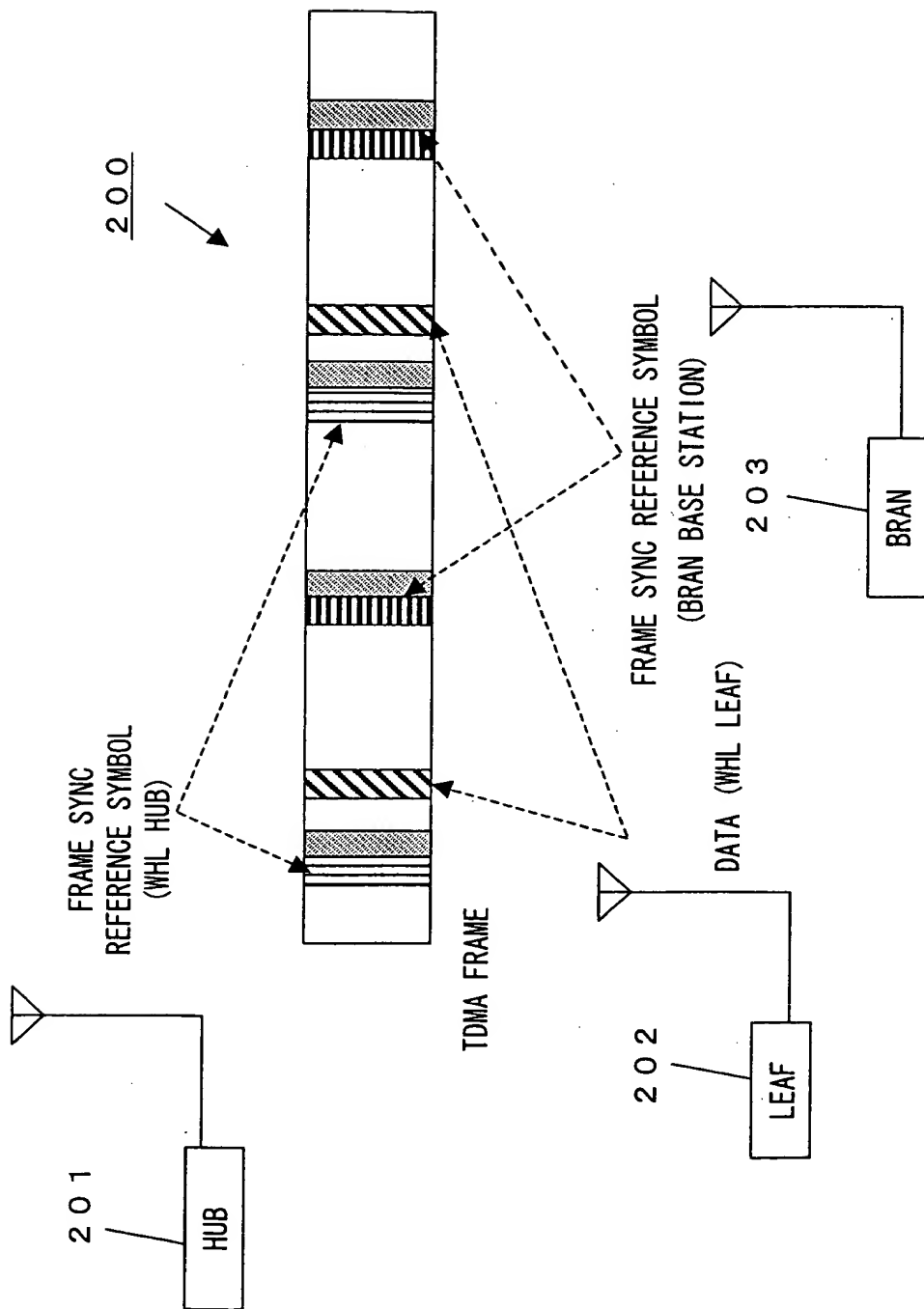


FIG. 33

WHL (1) : A16x9+X16+C16+C64x2

IA16	A16	IA16	A16	A16	IA16	A16	IA16	A16	IA16	X	C16	C64	C64
------	-----	------	-----	-----	------	-----	------	-----	------	---	-----	-----	-----

FIG. 34A

WHL (1) : X16+A16x9+C16+C64x2

X	IA16	A16	IA16	A16	A16	IA16	A16	IA16	A16	IA16	C16	C64	C64
---	------	-----	------	-----	-----	------	-----	------	-----	------	-----	-----	-----

FIG. 34B

WHL (2) : B16x9+X16+C16+C64x2

IB16	IB16	IB16	IB16	IB16	B16	B16	B16	B16	B16	IB16	X	C16	C64	C64
------	------	------	------	------	-----	-----	-----	-----	-----	------	---	-----	-----	-----

FIG. 35A

WHL (2) : X16+B16x9+C16+C64x2

X	IB16	IB16	IB16	IB16	IB16	B16	B16	B16	B16	B16	IB16	C16	C64	C64
---	------	------	------	------	------	-----	-----	-----	-----	-----	------	-----	-----	-----

FIG. 35B